

## Technical Datasheet

# tasker® TSK 1078 CPR Cca-s1a-d1-a1 0.80/3.50/5.60 mm | 12G-SDI Coaxial Cable 75 Ω



**CATEGORY** HD-SDI cable (See News Brochure)  
**APPLICATIONS** HD-SDI video installation and Broadcast over 12Gb/s

- A:** Black **L.S.Z.H.** sheath. RAL9003. Flame Retardant and Halogen Free. Outer Diam. Ø: 5,60 (±0,20) mm.
- B:** First Shielding O.F.C. tinned copper Braid covering 65%.
- C:** Second Shielding in Aluminum foil tape, covering 100 %.
- D:** Core Insulation with gas injected PE. Diam. Ø 3,50 (±0,20) mm.
- E:** Stiff Wire formation 1x0,80 mm in OFC Red Copper. Nom. Cross section 1x0,50 mm<sup>2</sup>. (20 AWG)

**MARKING** **tasker** TSK1078 CPR Cca – 0,80/3.50/5.60 (75 Ohm) – 12G-SDI Coaxial Cable for Fix Installation – Euroclass Cca-s1a-d1-a1 – EN50117-9-2 – caveldg80czhn – CEI - UNEL 36762 C-4 (U<sub>0</sub> = 400V) - L.S.Z.H. – Halogen Free – FirestoP - Made in Italy

**NOTE** Recommended installation distances for 4 and 8K are estimated on SMPTE standards, the real maximum lengths depend on the equipment used, assembled connectors and environmental circumstances.

### Cable Properties

<b>Conductor Resistance</b>	35 Ω/Km
<b>Capacity Core/Shield</b>	52 pF/m.
<b>Velocity of Propagation</b>	85%
<b>Impedance</b>	75 Ω
<b>Min. Bending Radius</b>	10 x O.D.
<b>Operative Temperature</b>	-30/+70°C

### Attenuation dB/100 m

<b>1000 MHz</b>	24,90
<b>1500 MHz</b>	35,00
<b>2000 MHz</b>	37,40
<b>3000 MHz</b>	44,80
<b>4500 MHz</b>	59,74
<b>6000 MHz</b>	75,00

### Recommended installation distances

<b>SMPTE Standard</b>	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
<b>Max Distances (m)</b>	130	88	55

<b>USE</b>	X	Indoor	Interno Edificio	<b>INSTALLATION</b>	X	Fixed	Fissa	<b>INFORMATION</b>	X	RoHS2 Compliant
<b>Impiego</b>	X	Outdoor Limited	Esterno Limitato	<b>Posa</b>		Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	X	CPR Cca Compliant
	X	Outdoor	Esterno			Mobile	Mobile		X	Ver. B / 11.07.24
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			